Please the a plus sign (+) inside this box —> +

Substitute for form 1449A/PTO

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/076,421

Filing Date February 19, 2002

First Named Inventor M. WADA et al.

Group Art Unit 1614 648

Examiner Name LAAR PARKET

(use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number HAYAK 9

				U.S. PATENT DOCUM	MENTS	
	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages Columns Lineas/Where Relevan
Examiner Initials *		Number	Kind Code ² (if known)	of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Linear/Where Relevan Passages of Ballevant Figures 2000ar
	AA	1	<u> </u>			3 6 0
	AB	·				C 2 2
	AC					2011
	AD					70 - 5
	AE					2 8 17
	AF					3 8 0
	AG					350
	AH					E.
	Al					8
	AJ					
	AK					
	AL					
	AM					
	AN					
, and the second	AO					
	AP					
	AQ					
	AR		1			

Examin er Initials*	Cite No. ¹	Foreign Patent Document						
		Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
WC	AS	WIPO	96/13160		5/9/96			
NC	AT	WIPO -	02/09753A1		2/7/02			
		,						

	,		· · · · · · · · · · · · · · · · · · ·	
Examiner Signature		Date Considered	03/10/04	
	-/-		03/10/01	

EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

type a plus sign (+) inside this box -> +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known Application Number 10/076,421 INFORMATION DISCLOSURE Filing Date February 19, 2002 STATEMENT BY APPLICANT M. WADA et al. First Named Inventor Group Art Unit 1614 1648 JBK PARKEN (use as many sheets as necessary) **Examiner Name** of 2 HAYAK 9 Sheet Attomey Docket Number

	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	·
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т²
NC	ВА	Wada et al., "Amino-Terminal Fragment of Urokinase-Type Plasminogen Activator Inhibits HIV-1 Replication," Biochemical and Biophysical Research Communications, Vol. 284, No. 2, June 8, 2001 (346-351)	
_		2 16 CA	
_		CHCC ON VE	
		With, 3003	7
		TCH CENTER TOOK	

Examiner	1	Date Considered	adad		
Signature		Considered	031101	04	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial Kreference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

AUG 1 5 2002



TECH CENTER 1800/2900

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Kn wn Application Number 10/076,421 INFORMATION DISCLOSURE Filing Date February 19, 2002 STATEMENT BY APPLICANT First Named Inventor Manabu WADA et al. 1614 648 Group Art Unit (use as many sheets as necessary) **Examiner Name** Unassigned of 1 Attorney Docket Number HAYAK-9

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
X		Dzung H. NGUYEN et al., * Evidence for Budding of Human Immunodeficiency Virus Type 1 Selectively From Glycolipid-Enriched Membrane Lipid Rafts, *JOURNAL OF VIROLOGY, Vol. 74., No. 7, pp. 3284-3272, April 2000.	
.8		Yuri KOSHELNICK et al., "Mechanisms of Signaling Through Urokinase Receptor and The Cellular Response," THROMBOSIS and HAEMOSTASIS, 82(2), pp. 305-311, 1999.	
NC		SEKI et al., Seikagaku, 71(5), pp.350-352, 1999.	70
8		C. AMIEL et al., "Interleukin-16 (IL-16) Inhibits Human Immunodeficiency Virus Replication in Cells From Infected Subjects, and Serum, THE JOURNAL OF INFECTIOUS DISEASES, Vol. 179, pp. 83-91, 1999.	
1		R. PAL et al., "Inhibition of HIV-1 Infection by the β-Chemokine MDC," SCIENCE, Vol. 278, October 24, 1997.	
		J.A. LEVY et al, "Controlling HIV Pathogenesis: The Role of The Noncytotoxic Anti-HIV Response of CD8" T Cells," IMMUNOLOGY TODAY, Vol. 17, No. 5, pp. 217-224, May 1998.	
		F. COCCHI et al., * Identification of RANTES, MIP-1α, and MIP-1β as the Major HIV-Suppressive Factors,* SCIENCE, Vol. 270, pp. 1811-1815, Decamber 15, 1995.	
		B. CHEN et al., "Distinct Modes of Human Immunodeficiency Virus Type 1 Proviral Latency Revealed by Superinfection of Nonproductively," JOURNAL OF VIROLOGY, Vol. 68, No. 2, pp. 654-660, February 1994.	
		A. FAUCI, "Host Factors and The Pathogenesis of HIV-Induced Disease," NATURE, Vol. 384, pp. 529-534, December 12, 1996.	
		Estelle OBERLIN et al., "The CXC Chemokine SDF-1 is the Ligand for LESTR/fusin and Prevents Infection by T-cell-line-adapted HIV-1," NATURE, Vol. 382, pp. 833-835, August 29, 1996.	-
		M. BAIER et at., "HIV Suppression by Interteukin-16," NATURE, Vol. 378, p. 563, December 7, 1995.	
		A. ADACHI et al., "Production of Acquired Immunodeficiency Syndrome-Associated Retrovirus in Human and Non-Human Cells Transfected with an infectious Molecular Ctone," JOURNAL OF VIROLOGY, Vol. 59, No. 2, pp. 284-291, August 1988.	
4		M. Patrizia STOPPELLI et al., "Differentiation-Enhanced Binding of the Amino-Terminal Fragment of Human Urokinase Plasminogen Activator to a Specific Receptor on U937 Monocytes, "PROC. NATL. ACAD. SCI. USA, Vol. 82, pp. 4939-4943, August 1985.	

Examiner Signature	$\langle \cdot \rangle$	Date Considered	03	10	04	
• .	7					

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SAPANTESE; NO ENGLESH TRANSLATZEN

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.